

MIR ENCLOSURE FORM 06
Escape-Egress Data

THIS IS PART OF A LIMITED USE NAVAL AIRCRAFT MISHAP INVESTIGATION REPORT.
LIMITED DISTRIBUTION AND SPECIAL HANDLING REQUIRED IN ACCORDANCE WITH OPNAVINST 3750.6.

I. LOCATION IN AIRCRAFT (crew/passenger seating)

A. Location

1. _____ Cockpit (pilot/copilot compartment)
2. _____ Navigator/Engineer Compartment
3. _____ Cabin/Passenger Compartment
4. _____ Other
5. _____ Crewmember outside aircraft on ground for F/FR mishap
6. _____ Personnel outside of aircraft/flight related during a planned aircraft egress/entrance (such as rappelling, parachute jump, hoisting).

B. Longitudinal Location

1. _____ Forward
2. _____ Center
3. _____ Aft
9. _____ Unknown

C. Lateral Location

1. _____ Center
2. _____ Left Side
3. _____ Right Side
9. _____ Unknown

D. Direction

1. _____ Forward
2. _____ Aft
3. _____ Sideward
9. _____ Unknown

E. Use of Seat

1. _____ Not in Seat
2. _____ In Seat
3. _____ Bunk/Litter
9. _____ Unknown

II. ESCAPE (see instructions for definition of terms)

A. Method

1. Ejection

- a. _____ Accomplished (free of cockpit)
- b. _____ Initiated (did not clear cockpit)
- c. _____ Attempted (not initiated)
- d. _____ Seat Ejected on Impact With Terrain
- e. _____ Inadvertent Ejection
- f. _____ Underwater Ejection
- g. _____ Unknown if Attempt Was Made
- h. _____ Suspected Ejection
- i. _____ Definitely Not Attempted

2. Bailout

- a. _____ Accomplished (free of aircraft)
- b. _____ Attempted (not accomplished)
- c. _____ Bailed Out After Ejection Attempt Failed
- d. _____ Unknown if Attempt Was Made
- e. _____ Suspected Bailout
- f. _____ Definitely Not Attempted

3. Other

- a. _____ Standard Emergency Ground Egress
- b. _____ Underwater Egress (not ejection)
- c. _____ Did Not Escape
- d. _____ Exit Unassisted (other than #1)
- e. _____ Carried/Assisted Out
- f. _____ Blown/Thrown Out
- g. _____ Jumped/fell from A/C (airborne)
- h. _____ Unknown if Escape Accomplished
- i. _____ Escape Method Unknown

4. Sequence of Actions Performed Prior to Egress

- a. _____
- b. _____
- c. _____
- d. _____
- e. _____
- f. _____
- g. _____
- h. _____
- i. _____

B. Intent for Escape

1. _____ Intentional
2. _____ Unintentional, Self-induced
3. _____ Unintentional, Mechanical
4. _____ Unintentional, Other-induced
5. _____ Intent Unknown

C. Order of Escape _____ of _____

D. Previous Ejections/Bailouts

Number of Ejections _____
Number of Emergency Bailouts _____
Other Parachute Jumps (training/sky diving, etc.) _____

III. COCKPIT/CABIN CONDITION AFTER IMPACT

1. _____ Aircraft Abandoned in Flight
2. _____ No Damage (other than canopy loss, etc.)
3. _____ Minor Damage (definitely habitable)
4. _____ Reasonably Intact (probably habitable)
5. _____ Major Damage (probably not habitable)
6. _____ Destroyed (definitely not habitable)
9. _____ Unknown

V. HEELS (Helo Emergency Egress Lighting System)

1. _____ Installed
2. _____ Aided in location of exit
3. _____ Not seen as location device

IV. TERRAIN OF PARACHUTE LANDING OR CRASH SITE (more than one may be applicable)

- | | |
|----------------------------|--|
| A. _____ Open Sea | L. _____ Dense Woods |
| B. _____ Large Lake | M. _____ In Trees |
| C. _____ River | N. _____ Ravine/Steep Slope |
| D. _____ Deep Water, Other | O. _____ Rocks |
| E. _____ Shallow Water | P. _____ In/Near Fireball |
| F. _____ Deep Snow | Q. _____ Desert |
| G. _____ Thick Ice | R. _____ Through Trees |
| H. _____ Marsh/Swamp/Mud | S. _____ Hard Ground |
| I. _____ Soft Ground | T. _____ Not Applicable/Aircraft Landed Normally |
| J. _____ Building | U. _____ Runway |
| K. _____ Flight Deck | V. _____ Unknown |
| | Z. _____ Other (Explain) |

Name _____
Duty/Title _____
Date of mishap _____
Reporting custodian _____

Mishap severity _____
Mishap category _____
Aircraft model _____
BUNO _____

INSTRUCTIONS FOR COMPLETION OF MIR ENCLOSURE FORM 06

Escape - Egress Data

Submission Criteria: Submit this form for each person who ejected, bailed out, or otherwise egressed. Also submit this form for each person who unsuccessfully attempted to eject, bailout, or otherwise egress.

I. Indicate where this individual was located at the time of the mishap. If individual was in the passenger or crew compartment of a large aircraft, indicate approximate location (forward, center or aft section). A line drawing with the individual's location marked is desirable in multi-placed aircraft.

II.A.1. "Ejection" is the completion of action by the aircrew member to initiate the ejection sequence (raising handle, and/or squeezing trigger, and/or pulling face curtain), regardless of the outcome of the action, e.g., an "ejection" includes those cases wherein the sequence is interrupted by ground impact of system malfunction.

II.A.2. A Bailout is an emergency egress with a parachute from an aircraft aloft without the use of automated aircrew escape system.

II.A.3. "Other" refers to any type of egress not listed under Ejection or Bailout.

II.A.4. List the sequence of preparatory actions accomplished by this individual before he/she actually egressed from the aircraft. This information is important for emergency egress training and elaboration of NATOPS changes. Examples would be: visor down, lap belt/shoulder harness straps adjusted, MAYDAY, seat moved/adjusted, tightened mask, crew alert, etc.

II.B. Self-explanatory.

II.C. Give order of egress from aircraft, e.g., first of five (1 of 5), first of one (1 of 1), etc. If unknown, so state.

II.D. Self-explanatory.

III. If 1. is checked, an attempt can still be made to ascertain the condition of the cockpit/cabin after impact. This helps determine crash force survivability and cockpit crash worthiness.

IV. Self-explanatory.

V. Self-explanatory.

DO NOT WRITE HERE

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VI. AIRCRAFT PARAMETERS AT TIME OF ESCAPE (Either inflight or after crash, ditching, etc.)

1. Altitude _____ FT (AGL)
2. Airspeed _____ KIAS
3. Ground Speed _____ KTS
(if not airborne)
4. Sink Rate _____ FT/MIN
5. Nose Up _____ °
6. Nose Down _____ °
7. Right Bank _____ °
8. Left Bank _____ °
9. _____ Inverted
10. _____ Nose Down Spin
11. _____ Flat Spin
12. _____ Oscillating Spin
13. _____ Tumbling
14. _____ Mushing
15. _____ Disintegrating
16. _____ Rolling
17. _____ Other (describe) _____
18. _____ Unknown
19. Rate of Roll _____ °/SEC.
20. Rate of Pitch _____ °/SEC.
21. Rate of Yaw _____ °/SEC.
22. _____ *G Forces: (Estimate number and vector)

*If G forces were a factor during the mishap/egress phase, explain briefly below.
Discuss fully on 3752/11.

VII. EGRESS PROBLEMS (Place X in appropriate column)

B - Before; D - During; A - After (Egress)

		Ground			Water			Air			
		B	D	A	B	D	A	B	D	A	
1.	Buffeting										01
2.	*G Forces										02
2.	Windblast										03
4.	Seat Left in "Safed" Condition										04
5.	Difficulty Locating Canopy Jettison Mechanism										05
6.	Hampered by Clothing										06
7.	Hampered by Equipment (include body armor)										07
8.	Hampered by Injuries										08
9.	Difficulty Releasing Canopy/Hatch										09
10.	Failure to Release Canopy/Hatch										10
11.	Face Curtain Failed to Activate Seat										11
12.	Face Curtain Problem (locating, reaching, etc.)										12
13.	Lower Ejection Handle Failed to Activate Seat										13
14.	Lower Ejection Handle Problem (locating, etc.)										14
15.	Canopy Jettison Problem										15
16.	Canopy Jettison Failure (automatic means)										16
17.	Could Not Open Canopy/Hatch										17
18.	Difficulty Releasing Restraints										18
19.	Difficulty Reaching Hatch/Exit - Obstructions										19
20.	Difficulty Reaching Hatch/Exit - Injuries										20
21.	Difficulty Reaching Hatch/Exit - Aircraft Attitude										21
22.	Difficulty Reaching Hatch/Exit - Equipment Hangup										22
23.	Pinned in Aircraft (other than equipment hangup)										23
24.	Confusion/Panic/Disorientation										24
25.	Darkness/No Visual Reference										25
26.	Fire/Smoke/Fuel										26
27.	Anthropometric Problem										27
28.	Personal Equipment Factor (other than hangup)										28
29.	Upper Extremities Hit Cockpit Structures										29
30.	Lower Extremities Hit Cockpit Structures										30
31.	Man Struck Canopy/Canopy Bow										31
32.	Struck External Surface of Aircraft										32
33.	Flailing - Upper Extremities										33
34.	Flailing - Lower Extremities										34
35.	Drogue Slug Swinging										35
36.	Drogue Slug Struck Man										36
37.	Man Struck by Other Equipment										37
38.	Seat/Man Collision										38
39.	Seat Separation Difficulty										39
40.	Seat/Parachute Entanglement										40
41.	Parachute Riser Interference										41
42.	Man Entangled in Raft Lanyard										42
43.	Parachute Line Over/Inversion/Semi-Inversion										43
44.	Man Held onto Seat										44
45.	Tumbling/Spinning (man and/or seat)										45
46.	Parachute Container Did Not Open										46
47.	Parachute Canopy Streamed/Malfunctioned										47
48.	Inadvertent Opening of Lap Belt										48
49.	Failure of Lap Belt to Open										49
50.	Inrushing Water										50
51.	Cold										51
52.	Unconscious/Dazed										52
53.	Other (explain)										53

VII. REMARKS: (List number and letter of each egress problem marked and briefly explain each on a separate sheet.)

Name _____
Duty/Title _____
Date of mishap _____
Reporting custodian _____

Mishap severity _____
Mishap category _____
Aircraft model _____
BUNO _____

